**The 3 Measures of Central Tendency: Mean, Median, and Mode and 1 Measure of Variability: Range**

Mean: (average), find by adding all the points in the data set and then dividing by the number of data points in the set.

Median: the middle number when the data set is ordered from least to greatest.

Mode: the data point occurring the most often. It’s possible to have more than one mode or not to have any mode.

Range: highest data point minus the lowest data point.

Show your work!

1. A list of five test scores were 60, 67, 73, 63 and 67. Find the following:

a) Mean

b) Median

c) Mode

d) Range

2. Seven people were asked how many miles they lived from work. The responses were

15, 7, 14, 21, 5, 9 and 13. Find the following:

a) Mean

b) Median

c) Mode

d) Range

3. At a pet store, a survey was taken asking how many pets each person had. The results were: 2, 5, 3, 1, 0, 4, 2, 7, 0, 2 ,7, 3. Find the following:

a) Mean

b) Median

c) Mode

d) Range

4. A sample of eight students were randomly selected and asked, “How many times did you check your email yesterday?” The numbers were 3, 0, 8, 7, 10, 2, 6, 12.

Find the following:

1. Mean
2. Median
3. Mode
4. Range